ABSTRACT

METHOD FOR ERROR INJECTION AND DEBUGGING TOOL FOR A HARDWARE-SOFTWARE CO-SIMULATION ENVIRONMENT

[0058] A method for performing testing of a simulated direct access storage device in a testing simulation environment is disclosed. The method provides a software representation of a plurality of hardware components within the simulated direct access storage device. The method also uses a control program module within the testing simulation environment, wherein the control program module interacts with the software representation of the plurality of hardware components, and a testing program for interacting with the control program module and the software representation of the plurality of hardware components. In response to detection of an occurrence of a pre-selected event within the simulated direct access storage device, one or more codes are sent from the testing program to the software representation of the plurality of hardware components and whether or not a response by the control program module to the one or more codes is correct is determined.